Post-Doc in Fish Recruitment Bottlenecks in Large Lakes of North America and Europe

Location: The successful applicant will be physically located at the Rubenstein Ecosystem Science Laboratory, University of Vermont, Burlington, Vermont, USA. Remote work is not an option for this post-doc position. International applicants are welcome.

Responsibilities: Successful applicant will work with an international team of scientists to lead a project testing hypotheses about the influence of climate change, system productivity, and invasive species on declining fish populations in large lakes of North America and Europe. The focus will be on whitefishes (*Coregonus* spp.) using coupled larval fish foraging and bioenergetics models with long-term data sets on environmental conditions, zooplankton, invasive mussels, and fish population dynamics to assess the relative contribution of these factors to year-class strength indices. The successful applicant will be expected to participate in and contribute to the Rubenstein Ecosystem Science Laboratory community.

Qualifications: Competitive applicants will have a PhD in fisheries, aquatic ecology, limnology, ecological modeling, or equivalent field, demonstrated experience working with large data sets, modeling, fluency in R or other appropriate programming language, published research in peer-reviewed journals as lead author, and a demonstrated aptitude for organization and working well with others.

Salary: ~$62,000/yr plus benefits for 2 years

Closing date: open until filled; review of applications will begin January 15, 2026

Start date: negotiable, preferably before May 2026

To apply: Send a one-page cover letter describing your strengths and why you believe this position is the right fit for you, a two-page resume, and names and contact information of two references as a single PDF file named "[your last name]_whitefish.pdf" to Jason Stockwell (jason.stockwell@uvm.edu).

The University of Vermont is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other category legally protected by federal or state law. The University encourages applications from all individuals who will contribute to UVM's Our Common Ground Values.

Setting: The campus of the University of Vermont is situated near Lake Champlain between the Green and Adirondack Mountains. Burlington, VT is consistently voted one of the best small cities in the US. In 2024, the Princeton Review ranked UVM as the #1 Best School for Making an Impact and the #16 Green College. UVM recently received R1 research classification – the Carnegie Foundation's highest classification for level of research activity.

UVM's Rubenstein School of Environment and Natural Resources has more than 50 faculty (tenure-track, research, and teaching), 1200 undergraduates, and 120 graduate students in both MSc and PhD programs. Large research groups led by Rubenstein School faculty include the **Rubenstein Ecosystem Science Laboratory**, **Aiken Forestry Science Laboratory** (jointly operated with the U.S. Forest Service, Northern Forest Research Station), the **Gund Institute for Environment**, and the recently launched **Climate Measurements Center of Excellence** and **Casella Center for Circular Economy and Sustainability**. Faculty in the Rubenstein School have expertise spanning numerous disciplines and research focus areas, including environmental science, ecology, climate change, sustainability science, ecological economics, environmental policy, human behavior, and environmental justice.